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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial No. :	09/435,257	Art Group : 1632
Filed :	November 5, 1999	Examiner : Peter Paras
Applicant	Clemons et al.	
For	*FK506-Based Regulation of Biological Events*	

Assistant Commissioner of Patents
Washington, DC 20231

August 28, 2001

Amendment to Specification

This is an amendment to the specification filed in response to an Office Communication dated August 15, 2001. The amendment reformats a disclosed sequence to make compliance with 37 CFR 1.821 - 1.825 more convenient and to better match the specification to the previously submitted Sequence Listing. The amendment is not intended to, nor is it believed to, change the meaning of the disclosure, whether by removal of any of the disclosure or by introduction of any new matter. This amendment is believed to render moot the need for a substitute Sequence Listing, and in combination with the previously submitted Sequence Listing, is believed to be fully responsive to the issued raised by the examiner.

No additional costs are believed to be due in connection with the filing of this amendment. However, authorization is hereby given to charge any deficiency or credit any overpayment to our Deposit Account No. 01-2315. Should there be any questions after review of this paper, the Examiner is invited to call the undersigned attorney at the number provided.

Amendment

Please amend the specification as follows:

- *On page 95, lines 10 - 21, replace the paragraph in the specification with the following;*

Clean Version

To study the ability of the CABs to mediate transcriptional activation in the context of FKBP:FK506, a (XhoI/SpeI) fragment containing the transcriptional activation domain of the p65 subunit of NF-kB was inserted into (SalI/SpeI) digested mCAB constructs. This fusion results in another (SalI/XhoI) fusion which cannot be cut by either enzyme. A similar strategy is possible to generate multimers of the CAB domain, greatly facilitating the production of these reagents. Since all of the restriction enzymes within the coding region are 6-base cutters, they preserve the reading frame for protein synthesis. The mature CAB should have the following amino acid sequence :

NH_2-Met-Leu-Glu-(CnA frag)- followed by Val-Glu-(CnB frag)-, followed by Val-Asp-Thr-Ser-COOH (SEQ ID NO 22).

New mCAB-p65 constructs were verified by sequence analysis.